

SEQUENCE LISTING

<110> FARWICK, Mike

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BATHE, Brigitte

<120> NUCLEOTIDE SEQUENCES WHICH CODE FOR THE RODA PROTEIN

<130> 212532US0

<150> DE10044943.3

<151> 2000-09-12

<150> DE10132947.4

<151> 2001-07-06

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 1761

<212> DNA

<213> Corynebacterium glutamicum

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<221> CDS

<222> (238)..(1560)

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agaagtaaca accggtggcg atagaaacga acccgagtc aattgtaggg aggtctc	237
atg aac acg ctt gaa cga tta aag ctt cgt cgc acg gaa atg tgg ctg	285
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Leu Ala Met Gly Asn Glu Leu Gly Thr His Ile Leu Met Leu Met Gly	
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Gly Tyr Ile Gly Ile Phe Ile Val Ala His Leu Ala Met Ala Trp Val	
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Gly Ile Gly Leu Val Met Ile Tyr Arg Leu Asp Glu Ala Thr Gly Tyr	
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Tyr Ser Tyr Leu Leu Gly Val Val Gly Ile Val Leu Leu Ala Leu Pro	
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cct	gtc	gtg	cac	tcg	gac	ttc	att	ctc	gca	gcc	att	ggt	gag	gag	ctt	1245
Pro	Val	Val	His	Ser	Asp	Phe	Ile	Leu	Ala	Ala	Ile	Gly	Glu	Glu	Leu	
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Val Val Ala Gly Ile Ser Ser Leu Met Pro Met Thr Gly Leu Thr Thr	
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Pro Phe Met Ser Gln Gly Gly Ser Ser Leu Met Ala Asn Tyr Ile Leu	
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Met Ala Ile Ile Leu Arg Ile Ser Asp Ser Ala Arg Arg Pro Val Met	
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Ser Lys Gln Ala Ser Glu Val Ala Ala	
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<212> PRT

<213> Corynebacterium glutamicum

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Leu Ala Met Gly Asn Glu Leu Gly Thr His Ile Leu Met Leu Met Gly
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 Gly Tyr Ile Gly Ile Phe Ile Val Ala His Leu Ala Met Ala Trp Val
 50 55 60
 Ala Pro Phe Ala Asp Gln Ile Met Leu Pro Val Val Ala Val Leu Asn
 65 70 75 80
 Gly Ile Gly Leu Val Met Ile Tyr Arg Leu Asp Glu Ala Thr Gly Tyr
 85 90 95
 Ser Thr Val Asn Ser Gln Leu Met Trp Thr Val Val Gly Val Thr Leu
 100 105 110
 Met Val Ala Val Leu Leu Leu Leu Arg Asp Tyr Lys Ser Leu Ser Arg
 115 120 125
 Tyr Ser Tyr Leu Leu Gly Val Val Gly Ile Val Leu Leu Ala Leu Pro
 130 135 140
 Leu Val Trp Pro Gln Pro Gly Gly Val Glu Ala Arg Ile Trp Ile Trp
 145 150 155 160
 Leu Gly Pro Phe Ser Ile Gln Pro Gly Glu Phe Ser Lys Ile Leu Leu
 165 170 175
 Leu Leu Phe Phe Ala Gln Leu Leu Ala Thr Lys Arg Ala Leu Phe Thr
 180 185 190
 Val Ala Gly Tyr Arg Phe Leu Gly Met Asp Phe Pro Arg Leu Arg Asp
 195 200 205
 Leu Ala Pro Ile Leu Val Val Trp Ala Leu Ala Ile Leu Ile Met Ala
 210 215 220
 Gly Ala Asn Asp Phe Gly Pro Ala Leu Leu Leu Phe Thr Thr Val Leu
 225 230 235 240

Ala Met Val Tyr Leu Ala Thr Gly Arg Gly Ser Trp Leu Leu Ile Gly
245 250 255

Ala Val Leu Val Ala Val Gly Ala Phe Ala Val Tyr Gln Val Ser Ser
260 265 270

Lys Ile Gln Glu Arg Val Gln Asn Phe Val Asp Pro Val Ala His Tyr
275 280 285

Asp Thr Thr Gly Tyr Gln Leu Ser Gln Ser Leu Phe Gly Met Ser Trp
290 295 300

Gly Gly Ile Thr Gly Thr Gly Ile Gly Gln Gly Tyr Pro Asn Met Ile
305 310 315 320

Pro Val Val His Ser Asp Phe Ile Leu Ala Ala Ile Gly Glu Glu Leu
325 330 335

Gly Leu Ile Gly Leu Ala Ala Ile Ile Val Leu Phe Gly Val Phe Val
340 345 350

Thr Arg Gly Met Arg Thr Ala Thr Leu Ala Arg Asp Ser Tyr Gly Lys
355 360 365

Leu Val Ala Ser Gly Leu Ser Met Thr Ile Met Ile Gln Ile Phe Val
370 375 380

Val Val Ala Gly Ile Ser Ser Leu Met Pro Met Thr Gly Leu Thr Thr
385 390 395 400

Pro Phe Met Ser Gln Gly Gly Ser Ser Leu Met Ala Asn Tyr Ile Leu
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Ser Lys Gln Ala Ser Glu Val Ala Ala
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